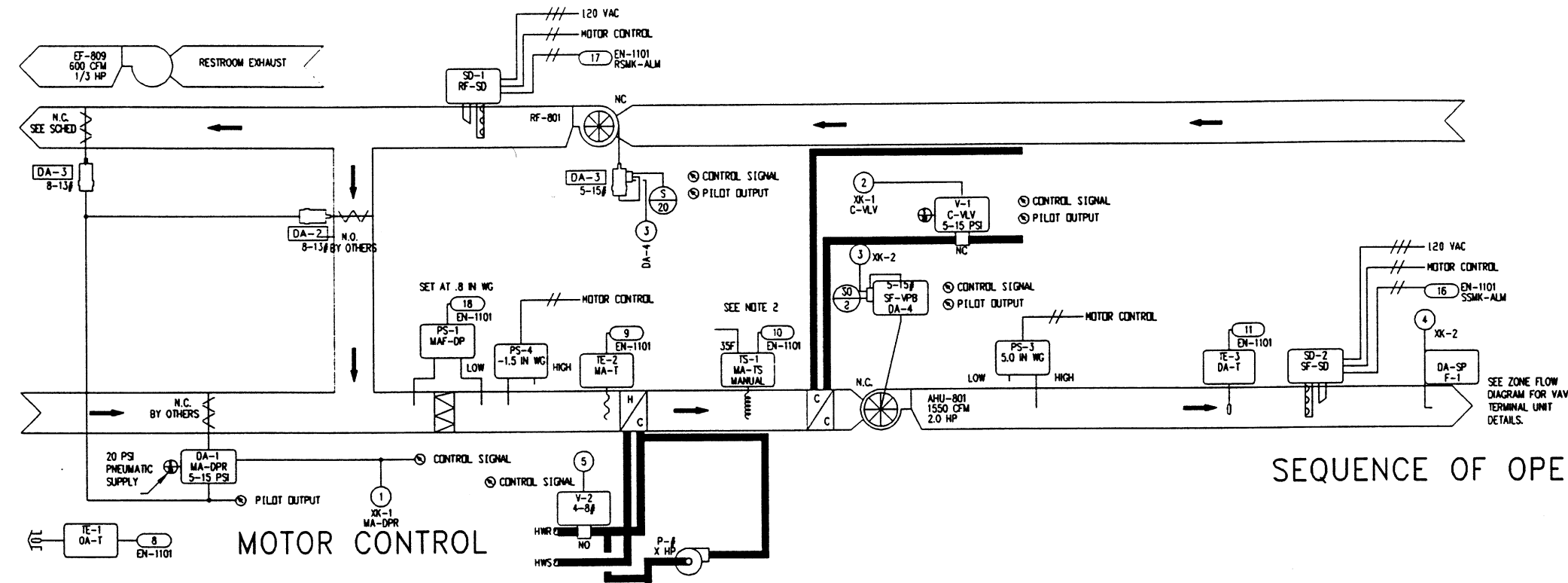


FIELD MATERIAL			
DEVICE TAG	QTY	CODE NUMBER	DESCRIPTION
DA-1-DA-3	3	----	SEE DAMPER SCHEDULE
D-1	1	----	SEE DAMPER SCHEDULE
V-2	1	VTM-TN047-313	1/2", 4.7 CV, NO CONTROL VALVE
F-1	1	FTG18A-600R	DUCT STATIC FIP
PS-1	1	P32AF-2C	SENSITIVE DIFF PRESS CTL
	2	FTG18A-600R	REMOTE HTD PROBE
TE-1	1	TE-6000-4	SENSOR, 1000 OHM +/- .25%
	1	TE-6001-2	HOUSING F/O D.A. TEMP.
TE-2	1	TE-6100-1	TEMP SENSING ELEMENT 17"
TE-3	1	TE-6000-4	SENSOR, 1000 OHM +/- .25%
	1	TE-6001-1	ELEMENT HOLDER
TS-1	1	A70MA-1C	TEMP CONTROL 4 WIRE, 2-C
V-1	1	----	SEE SCHEDULE
ACC	9	G-2010-5	0-30 PSI, 1 1/2" PRESS GAUGE
CS-1-CS-2	2	D-150	CURRENT SWITCH-W/M
CS-1-PS-2	2	D-1851AC-2	DUCT SELECTOR, 10N
	2	ST-10	SUCKAGE TUBE
R-2	2	PD-109-25	RELAY, PLUG IN 4PDT
	2	PD-101-31	RELAY SOCKET; 14PIN FOR
PS-3-PS-4	2	1900-5-MR	MANUAL RESET DIFF PRESS SWITCH
PD-1	1	BZ-1000-11	ENCLOSURE

ANY MATERIAL WITH A (P) PRECEEDING THE DEVICE TAG IS CONSIDERED PROPRIETARY EQUIPMENT AND IS BEING SUPPLIED BY JOHNSON CONTROLS, INC. ALL OTHER MATERIAL IS NON-PROPRIETARY EQUIPMENT.



The diagram illustrates the electrical control system for a fan, divided into two main sections: Supply Fan and Return Fan. Both sections are powered by a 120VAC supply.

Supply Fan Section:

- The main power line (H to N) passes through a 120VAC supply.
- The circuit includes a Safety Relay (R-1) with a normally closed (NC) contact.
- The Supply Fan Start/Stop is controlled by a contactor (XK-3/Relay A) and a hand/auto switch.
- The Supply Fan Starter is connected to the main power line through a normally open (NO) contact.
- A thermal protector (EN-1101 SF-5) is connected to the fan motor.

Return Fan Section:

- The main power line (H to N) passes through a 120VAC supply.
- The circuit includes a Safety Relay (R-1) with a normally closed (NC) contact.
- The Return Fan Start/Stop is controlled by a contactor (XK-3/Relay B) and a hand/auto switch.
- The Return Fan Starter is connected to the main power line through a normally open (NO) contact.
- A thermal protector (EN-1101 RF-5) is connected to the fan motor.

Wiring Details:

- The diagram shows the internal wiring of the fan motor, including the 120VAC supply, the fan winding, and the thermal protector.
- The wiring is labeled with terminal numbers (1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100) and component labels (e.g., R-1, XK-3, EN-1101).

Notes:

- RESIZE CONTROL FUSE FOR AN ADDITIONAL 30 VA

										FILE: AHU-801H	
				RECORD				05/11/94		SF	
		6		ADD HEATING VLV				01/04/93		SF	
		5		GENERAL				12/17/92		SF	
REFERENCE DRAWING				NO. REVISION-LOCATION				ECN		DATE BY	
SALES ENGR		PROJECT MGR		APPL ENGR		DRAWN		APPROVED			
JP		SF		DCS		BY SF DATE 12/12/91		BY		DATE	
JOHNSON CONTROLS Systems & Services Division								CONTRACT NUMBER			
								91390-0009			
								DRAWING NUMBER			
				91-9-A-04A							